

ABSTRACT

In the present invention, CREBL1 and SHC1 were found to interact with HtrA2, and it was revealed for the first time that that CREBL1, ATF6 that is a family of CREBL1, and SHC3 that is a family of SHC1 are degraded by active HtrA2.

The present invention provides a means for inhibiting neural cell death comprising inhibiting the degradation by HtrA2 of at least one of CREBL1, ATF6, and SHC3; a means for preventing, treating, or controlling diseases accompanied with neural cell death (for example, neurodegenerative diseases or brain ischemia), comprising inhibiting the aforementioned degradation: a method of identifying a compound that inhibits the degradation by HtrA2 of CREBL1 and/or ATF6; and a reagent kit.